

OIPE

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/836,712

DATE: 05/03/2001  
TIME: 15:55:38

ENTERED

Input Set : A:\Pc108511.app  
Output Set: N:\CRF3\05032001\I836712.raw

3 <110> APPLICANT: PFIZER INC.  
 5 <120> TITLE OF INVENTION: ADAMTS POLYPEPTIDES, NUCLEIC ACIDS ENCODING THEM, AND  
 6 USES THEREOF  
 8 <130> FILE REFERENCE: PC10851A  
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/836,712  
 C--> 11 <141> CURRENT FILING DATE: 2001-04-17  
 13 <160> NUMBER OF SEQ ID NOS: 4  
 15 <170> SOFTWARE: PatentIn Ver. 2.1  
 17 <210> SEQ ID NO: 1  
 18 <211> LENGTH: 4248  
 19 <212> TYPE: DNA  
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 25 atccctgcct gtggctttct cctggctgc tggtggacctt cccatttcca gcagagtgt 180  
 26 cttcaggctt tggagccaca ggcgtgtct tcttacttga gcccgtgtc tcccttaaaa 240  
 27 ggcgcgcctc cttccctgg cttccagagg cagaggcaga ggcagaggcg ggctgcaggc 300  
 28 ggcattcctac acctggagct gctggtgcc tggtggccctt atgtcttcca ggctcaccag 360  
 29 gaggacacag agcgctatgt gtcaccaac ctcacatcg gggcagaact gcttcggac 420  
 30 ccgtccctgg gggcttagtt tcgggtgcac ctggtaaga tggtcattt gacagagcct 480  
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 32 agccagacca tcaaccctga ggacgacacg gatccctggcc atgctgacct ggtctcttat 600  
 33 atcactatgt ttgaccttgg gttgcctgtat ggttaaccggc aggtgcgggg cgtaacccag 660  
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 35 ctgggagtca ccaattggcca tgagattttgg cacagcttcg gcctggagca cgacggcg 780  
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 56 cccgcctgg aggagatccg catctggga cccctccagg aagatgctga catccagggtt 2040

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57 tacaggcggt atggcgagga gtatggcaac ctcacccgccc cagacatcac cttcacctac 2100  
 58 ttccagccata agccacggca ggcctgggtg tggccgctg tgcgtggcc ctgctcggtg 2160  
 59 agctgtgggg cagggctgctg ctggtaaac tacagctgcc tggaccaggc caggaaggag 2220  
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 97 <211> LENGTH: 1416  
 98 <212> TYPE: PRT  
 99 <213> ORGANISM: Human  
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 105 Leu Gly Leu Ala Leu Leu Arg Met His Gln Arg His Pro Arg Ala Arg  
 106 20 25 30  
 108 Cys Pro Pro Leu Cys Val Ala Gly Ile Leu Ala Cys Gly Phe Leu Leu  
 109 35 40 45  
 111 Gly Cys Trp Gly Pro Ser His Phe Gln Gln Ser Cys Leu Gln Ala Leu

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112	50	55	60
114	Glu Pro Gin Ala Val Ser Ser Tyr Leu Ser Pro Gly Ala Pro Leu Lys		
115	65	70	75
117	Gly Arg Pro Pro Ser Pro Gly Phe Gln Arg Gln Arg Gln Arg		80
118	85	90	95
120	Arg Ala Ala Gly Gly Ile Leu His Leu Glu Leu Leu Val Ala Val Gly		
121	100	105	110
123	Pro Asp Val Phe Gln Ala His Gln Glu Asp Thr Glu Arg Tyr Val Leu		
124	115	120	125
126	Thr Asn Leu Asn Ile Gly Ala Glu Leu Leu Arg Asp Pro Ser Leu Gly		
127	130	135	140
129	Ala Gln Phe Arg Val His Leu Val Lys Met Val Ile Leu Thr Glu Pro		
130	145	150	155
132	Glu Gly Ala Pro Asn Ile Thr Ala Asn Leu Thr Ser Ser Leu Leu Ser		160
133	165	170	175
135	Val Cys Gly Trp Ser Gln Thr Ile Asn Pro Glu Asp Asp Thr Asp Pro		
136	180	185	190
138	Gly His Ala Asp Leu Val Leu Tyr Ile Thr Arg Phe Asp Leu Glu Leu		
139	195	200	205
141	Pro Asp Gly Asn Arg Gln Val Arg Gly Val Thr Gln Leu Gly Gly Ala		
142	210	215	220
144	Cys Ser Pro Thr Trp Ser Cys Leu Ile Thr Glu Asp Thr Gly Phe Asp		
145	225	230	235
147	Leu Gly Val Thr Ile Ala His Glu Ile Gly His Ser Phe Gly Leu Glu		
148	245	250	255
150	His Asp Gly Ala Pro Gly Ser Gly Cys Gly Pro Ser Gly His Val Met		
151	260	265	270
153	Ala Ser Asp Gly Ala Ala Pro Arg Ala Gly Leu Ala Trp Ser Pro Cys		
154	275	280	285
156	Ser Arg Arg Gln Leu Leu Ser Leu Leu Ser Ala Gly Arg Ala Arg Cys		
157	290	295	300
159	Val Trp Asp Pro Pro Arg Pro Gln Pro Gly Ser Ala Gly His Pro Pro		
160	305	310	315
162	Asp Ala Gln Pro Gly Leu Tyr Tyr Ser Ala Asn Glu Gln Cys Arg Val		320
163	325	330	335
165	Ala Phe Gly Pro Lys Ala Val Ala Cys Thr Phe Ala Arg Glu His Leu		
166	340	345	350
168	Asp Met Cys Gln Ala Leu Ser Cys His Thr Asp Pro Leu Asp Gln Ser		
169	355	360	365
171	Ser Cys Ser Arg Leu Leu Val Pro Leu Leu Asp Gly Thr Glu Cys Gly		
172	370	375	380
174	Val Glu Lys Trp Cys Ser Lys Gly Arg Cys Arg Ser Leu Val Glu Leu		
175	385	390	395
177	Thr Pro Ile Ala Ala Val His Gly Arg Trp Ser Ser Trp Gly Pro Arg		400
178	405	410	415
180	Ser Pro Cys Ser Arg Ser Cys Gly Gly Val Val Thr Arg Arg Arg		
181	420	425	430
183	Gln Cys Asn Asn Pro Arg Pro Ala Phe Gly Gly Arg Ala Cys Val Gly		
184	435	440	445

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186 Ala Asp Leu Gln Ala Glu Met Cys Asn Thr Gln Ala Cys Glu Lys Thr  
 187 450 455 460  
 189 Gln Leu Glu Phe Met Ser Gln Gln Cys Ala Arg Thr Asp Gly Gln Pro  
 190 465 470 475 480  
 192 Leu Arg Ser Ser Pro Gly Gly Ala Ser Phe Tyr His Trp Gly Ala Ala  
 193 485 490 495  
 195 Val Pro His Ser Gln Gly Asp Ala Leu Cys Arg His Met Cys Arg Ala  
 196 500 505 510  
 198 Ile Gly Glu Ser Phe Ile Met Lys Arg Gly Asp Ser Phe Leu Asp Gly  
 199 515 520 525  
 201 Thr Arg Cys Met Pro Ser Gly Pro Arg Glu Asp Gly Thr Leu Ser Leu  
 202 530 535 540  
 204 Cys Val Ser Gly Ser Cys Arg Thr Phe Gly Cys Asp Gly Arg Met Asp  
 205 545 550 555 560  
 207 Ser Gln Gln Val Trp Asp Arg Cys Gln Val Cys Gly Gly Asp Asn Ser  
 208 565 570 575  
 210 Thr Cys Ser Pro Arg Lys Gly Ser Phe Thr Ala Gly Arg Ala Arg Glu  
 211 580 585 590  
 213 Tyr Val Thr Phe Leu Thr Val Thr Pro Asn Leu Thr Ser Val Tyr Ile  
 214 595 600 605  
 216 Ala Asn His Arg Pro Leu Phe Thr His Leu Ala Val Arg Ile Gly Gly  
 217 610 615 620  
 219 Arg Tyr Val Val Ala Gly Lys Met Ser Ile Ser Pro Asn Thr Thr Tyr  
 220 625 630 635 640  
 222 Pro Ser Leu Leu Glu Asp Gly Arg Val Glu Tyr Arg Val Ala Leu Thr  
 223 645 650 655  
 225 Glu Asp Arg Leu Pro Arg Leu Glu Glu Ile Arg Ile Trp Gly Pro Leu  
 226 660 665 670  
 228 Gln Glu Asp Ala Asp Ile Gln Val Tyr Arg Arg Tyr Gly Glu Glu Tyr  
 229 675 680 685  
 231 Gly Asn Leu Thr Arg Pro Asp Ile Thr Phe Thr Tyr Phe Gln Pro Lys  
 232 690 695 700  
 234 Pro Arg Gln Ala Trp Val Trp Ala Ala Val Arg Gly Pro Cys Ser Val  
 235 705 710 715 720  
 237 Ser Cys Gly Ala Gly Leu Arg Trp Val Asn Tyr Ser Cys Leu Asp Gln  
 238 725 730 735  
 240 Ala Arg Lys Glu Leu Val Glu Thr Val Gln Cys Gln Gly Ser Gln Gln  
 241 740 745 750  
 243 Pro Pro Ala Trp Pro Glu Ala Cys Val Leu Glu Pro Cys Pro Pro Tyr  
 244 755 760 765  
 246 Trp Ala Val Gly Asp Phe Gly Pro Cys Ser Ala Ser Cys Gly Gly Gly  
 247 770 775 780  
 249 Leu Arg Glu Arg Pro Val Arg Cys Val Glu Ala Gln Gly Ser Leu Leu  
 250 785 790 795 800  
 252 Lys Thr Leu Pro Pro Ala Arg Cys Arg Ala Gly Ala Gln Gln Pro Ala  
 253 805 810 815  
 255 Val Ala Leu Glu Thr Cys Asn Pro Gln Pro Cys Pro Ala Arg Trp Glu  
 256 820 825 830  
 258 Val Ser Glu Pro Ser Ser Cys Thr Ser Ala Gly Gly Ala Gly Leu Ala

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259	835	840	845
261	Leu Glu Asn Glu Thr Cys Val Pro Gly Ala Asp Gly Leu Glu Ala Pro		
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264	Val Thr Glu Gly Pro Gly Ser Val Asp Glu Lys Leu Pro Ala Pro Glu		
265	865	870	875
267	Pro Cys Val Gly Met Ser Cys Pro Pro Gly Trp Gly His Leu Asp Ala		880
268	885	890	895
270	Thr Ser Ala Gly Glu Lys Ala Pro Ser Pro Trp Gly Ser Ile Arg Thr		
271	900	905	910
273	Gly Ala Gln Ala Ala His Val Trp Thr Pro Ala Ala Gly Ser Cys Ser		
274	915	920	925
276	Val Ser Cys Gly Arg Gly Leu Met Glu Leu Arg Phe Leu Cys Met Asp		
277	930	935	940
279	Ser Ala Leu Arg Val Pro Val Gln Glu Glu Leu Cys Gly Leu Ala Ser		
280	945	950	955
282	Lys Pro Gly Ser Arg Arg Glu Val Cys Gln Ala Val Pro Cys Pro Ala		960
283	965	970	975
285	Arg Trp Gln Tyr Lys Leu Ala Ala Cys Ser Val Ser Cys Gly Arg Gly		
286	980	985	990
288	Val Val Arg Arg Ile Leu Tyr Cys Ala Arg Ala His Gly Glu Asp Asp		
289	995	1000	1005
291	Gly Glu Glu Ile Leu Leu Asp Thr Gln Cys Gln Gly Leu Pro Arg Pro		
292	1010	1015	1020
294	Glu Pro Gln Glu Ala Cys Ser Leu Glu Pro Cys Pro Pro Arg Trp Lys		
295	1025	1030	1035
297	Val Met Ser Leu Gly Pro Cys Ser Ala Ser Cys Gly Leu Gly Thr Ala		
298	1045	1050	1055
300	Arg Arg Ser Val Ala Cys Val Gln Leu Asp Gln Gly Gln Asp Val Glu		
301	1060	1065	1070
303	Val Asp Glu Ala Ala Cys Ala Ala Leu Val Arg Pro Glu Ala Ser Val		
304	1075	1080	1085
306	Pro Cys Leu Ile Ala Asp Cys Thr Tyr Arg Trp His Val Gly Thr Trp		
307	1090	1095	1100
309	Met Glu Cys Ser Val Ser Cys Gly Asp Gly Ile Gln Arg Arg Arg Asp		
310	1105	1110	1115
312	Thr Cys Leu Gly Pro Gln Ala Gln Ala Pro Val Pro Ala Asp Phe Cys		1120
313	1125	1130	1135
315	Gln His Leu Pro Lys Pro Val Thr Val Arg Gly Cys Trp Ala Gly Pro		
316	1140	1145	1150
318	Cys Val Gly Gln Gly Thr Pro Ser Leu Val Pro His Glu Glu Ala Ala		
319	1155	1160	1165
321	Ala Pro Gly Arg Thr Thr Ala Thr Pro Ala Gly Ala Cys Gly Arg Gln		
322	1170	1175	1180
324	His Leu Glu Pro Thr Gly Thr Ile Asp Met Arg Gly Pro Gly Gln Ala		
325	1185	1190	1195
327	Asp Cys Ala Val Ala Ile Gly Arg Pro Leu Gly Glu Val Val Thr Leu		1200
328	1205	1210	1215
330	Arg Val Leu Glu Ser Ser Leu Asn Cys Ser Ala Gly Asp Met Leu Leu		
331	1220	1225	1230

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L:10 M:270 C: Current Application Number differs, Replaced Application Number  
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date